

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.(Currently Amended) A method for operating a wireless communication system,
comprising:

determining a location of a mobile station;

comparing the location to information that is descriptive of a map that is stored in the
mobile station; and

deriving at least one system selection parameter from the mobile station's location
relative to the map by which the mobile station may obtain access to a desired
communication system.

2.(Original) A method as in claim 1, wherein the system selection parameter is comprised
of a band of frequencies within which the mobile station may obtain access to a desired
system.

3.(Original) A method as in claim 1, wherein the system selection parameter is comprised
of a frequency channel on which the mobile station may obtain access to a desired system.

4.(Original) A method as in claim 1, wherein the system selection parameter is comprised
of a protocol to be used by the mobile station to obtain access to a desired system.

5.(Original) A method as in claim 1, wherein the system selection parameter is used to
select a public system.

6.(Original) A method as in claim 1, wherein the system selection parameter is used to
select a non-public system.

7.(Original) A method as in claim 1, wherein the determination of the location of the mobile station is performed by the mobile station without assistance from a network operator.

8.(Original) A method as in claim 1, wherein the determination of the location of the mobile station is performed by the mobile station with assistance from a network operator.

9.(Original) A method as in claim 1, wherein the determination of the location of the mobile station is performed by a network operator, and where the determined location is transmitted to the mobile station from the network operator.

10.(Original) A method as in claim 1, wherein the map is downloaded from a network operator to a memory of the mobile station.

11.(Currently Amended) A wireless communication system, comprising:

circuitry for determining a location of a mobile station; and

a data processor for comparing the location to information that is descriptive of a map that is stored in a memory of the mobile station, and for deriving at least one system selection parameter from the mobile station's location relative to the map by which the mobile station may obtain access to a desired communication system.

12.(Original) A wireless communication system as in claim 11, wherein the system selection parameter is comprised of a band of frequencies within which the mobile station may obtain access to a desired system.

13.(Original) A wireless communication system as in claim 11, wherein the system selection parameter is comprised of a frequency channel on which the mobile station may obtain access to a desired system.

14.(Original) A wireless communication system as in claim 11, wherein the system selection parameter is comprised of a protocol to be used by the mobile station to obtain access to a desired system.

15.(Original) A wireless communication system as in claim 11, wherein the system selection parameter is used to select a public system.

16.(Original) A wireless communication system as in claim 11, wherein the system selection parameter is used to select a non-public system.

17.(Original) A wireless communication system as in claim 11, wherein the determination of the location of the mobile station is performed by the mobile station without assistance from a network operator.

18.(Original) A wireless communication system as in claim 11, wherein the determination of the location of the mobile station is performed by the mobile station with assistance from a network operator.

19.(Original) A wireless communication system as in claim 1, wherein the determination of the location of the mobile station is performed by a network operator, and where the determined location is transmitted to the mobile station from the network operator.

20.(Original) A wireless communication system as in claim 11, wherein the map is downloaded from a network operator to the memory of the mobile station.

21.(Currently Amended) A mobile station for use with a wireless communication system, comprising a data processor for comparing a location of the mobile station to information that is descriptive of a map that is stored in a memory of the mobile station, and for deriving at least one system selection parameter from the mobile station's location relative to the map by which the mobile station may obtain access to a desired communication system.

22.(Original) A mobile station as in claim 21, wherein the information is downloaded from a network operator.

23.(Original) A mobile station as in claim 21, wherein there are a hierarchy of maps, where a map that is lower in the hierarchy provides more a detailed system selection parameter than a map higher in the hierarchy.

24.(Original) A mobile station as in claim 21, wherein the system selection parameter is comprised of at least one of a band of frequencies within which the mobile station may obtain access to a desired system, a frequency channel on which the mobile station may obtain access to a desired system and a protocol to be used by the mobile station to obtain access to a desired system.

25.(Original) A mobile station as in claim 21, wherein the map is downloaded from a network operator to the memory of the mobile station.

26.(Original) A mobile station as in claim 21, and further comprising means for determining a location of the mobile station.

27. (New) A mobile station for use with a wireless communication system, comprising a data processor for comparing a location of the mobile station to information that is descriptive of a map that is stored in a memory of the mobile station, and for deriving a set of at least one search parameter from the mobile station's location relative to the map, the set of at least one search parameter being used by the mobile station to limit a search for a wireless communication network.